Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
Data File : BF099809.D
Acq On : 25 Oct 2017 13:04
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** SSTDCCC040

Quant Time: Oct 25 17:02:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 25 17:02:52 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.79 | 152 | 82273 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 8.08 | 136 | 343755 | 20.00 | ng | | 0.00 |
| 38) Acenaphthene-d10 | 9.84 | 164 | 161134 | 20.00 | ng | | 0.00 |
| 63) Phenanthrene-d10 | 11.33 | 188 | 295943 | 20.00 | ng | | 0.00 |
| 75) Chrysene-d12 | 13.98 | 240 | 236626 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 15.44 | 264 | 219902 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.41 | 112 | 432603 | 82.55 | ng | | 0.00 |
| 7) Phenol-d6 | 6.44 | 99 | 503001 | 80.95 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 7.37 | 82 | 413925 | 77.52 | ng | | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.63 | 330 | 116902 | 79.61 | ng | | 0.00 |
| 44) 2-Fluorobiphenyl | 9.16 | 172 | 851985 | 81.58 | ng | | 0.00 |
| 78) Terphenyl-d14 | 12.92 | 244 | 812409 | 75.03 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.50 | 88 | 92732 | 40.072 | ng | # | 89 |
| 3) Pyridine | 3.28 | 79 | 218407 | 39.246 | ng | | 89 |
| 4) n-Nitrosodimethylamine | 3.23 | 42 | 82366 | 41.429 | ng | # | 71 |
| 6) Aniline | 6.46 | 93 | 328617 | 40.788 | ng | | 98 |
| 8) 2-Chlorophenol | 6.58 | 128 | 226015 | 40.467 | ng | | 95 |
| 9) Benzaldehyde | 6.35 | 77 | 148439 | 39.977 | ng | | 93 |
| 10) Phenol | 6.45 | 94 | 276076 | 40.467 | ng | | 97 |
| 11) bis(2-Chloroethyl)ether | 6.53 | 93 | 215188 | 40.846 | ng | | 95 |
| 12) 1,3-Dichlorobenzene | 6.73 | 146 | 250869 | 40.004 | ng | | 96 |
| 13) 1,4-Dichlorobenzene | 6.81 | 146 | 258573 | 40.626 | ng | | 98 |
| 14) 1,2-Dichlorobenzene | 6.96 | 146 | 239339 | 41.260 | ng | | 97 |
| 15) Benzyl Alcohol | 6.95 | 79 | 160299 | 40.565 | ng | | 96 |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45 | 234971 | 40.151 | ng | | 69 |
| 17) 2-Methylphenol | 7.06 | 107 | 190420 | 40.759 | ng | | 99 |
| 18) Hexachloroethane | 7.30 | 117 | 83870 | 39.498 | ng | | 99 |
| 19) n-Nitroso-di-n-propylamine | 7.21 | 70 | 145484 | 39.953 | ng | | 91 |
| 20) 3+4-Methylphenols | 7.21 | 107 | 224111 | 41.198 | ng | # | 61 |
| 22) Acetophenone | 7.21 | 105 | 305899 | 39.083 | ng | # | 98 |
| 24) Nitrobenzene | 7.39 | 77 | 210101 | 39.053 | ng | | 91 |
| 25) Isophorone | 7.62 | 82 | 376019 | 38.810 | ng | | 96 |
| 26) 2-Nitrophenol | 7.70 | 139 | 125360 | 40.683 | ng | | 87 |
| 27) 2,4-Dimethylphenol | 7.74 | 122 | 180241 | 39.699 | ng | | 93 |
| 28) bis(2-Chloroethoxy)methane | 7.83 | 93 | 267574 | 39.433 | ng | | 99 |
| 29) 2,4-Dichlorophenol | 7.95 | 162 | 189621 | 40.205 | ng | | 95 |
| 30) 1,2,4-Trichlorobenzene | 8.02 | 180 | 197879 | 39.267 | ng | | 98 |
| 31) Naphthalene | 8.10 | 128 | 660293 | 39.793 | ng | | 99 |
| 32) Benzoic acid | 7.89 | 122 | 162903 | 40.764 | ng | | 97 |
| 33) 4-Chloroaniline | 8.16 | 127 | 281004 | 41.011 | ng | # | 94 |
| 34) Hexachlorobutadiene | 8.21 | 225 | 101432 | 39.132 | ng | | 98 |
| 35) Caprolactam | 8.55 | 113 | 60053 | 40.489 | ng | # | 75 |
| 36) 4-Chloro-3-methylphenol | 8.65 | 107 | 188616 | 39.181 | ng | | 92 |
| 37) 2-Methylnaphthalene | 8.79 | 142 | 445358 | 40.050 | ng | | 97 |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216 | 204562 | 39.307 | ng | # | 97 |
| 40) Hexachlorocyclopentadiene | 8.94 | 237 | 29834 | 38.471 | ng | | 96 |

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|---|---|---|---|---|---|---|---|
| 42) 2,4,6-Trichlorophenol | 9.08 | 196 | 125428 | 39.844 | ng | | 99 |
| 43) 2,4,5-Trichlorophenol | 9.13 | 196 | 134401 | 40.233 | ng | # | 93 |
| 45) 1,1'-Biphenyl | 9.26 | 154 | 570803 | 39.158 | ng | | 98 |
| 46) 2-Chloronaphthalene | 9.29 | 162 | 412996 | 39.012 | ng | | 96 |
| 47) 2-Nitroaniline | 9.39 | 65 | 109492 | 39.408 | ng | | 84 |
| 48) Acenaphthylene | 9.70 | 152 | 644757 | 39.544 | ng | | 100 |
| 49) Dimethylphthalate | 9.56 | 163 | 489969 | 38.397 | ng | | 99 |
| 50) 2,6-Dinitrotoluene | 9.63 | 165 | 105179 | 39.209 | ng | # | 82 |
| 51) Acenaphthene | 9.87 | 154 | 388421 | 38.987 | ng | | 98 |
| 52) 3-Nitroaniline | 9.81 | 138 | 128090 | 40.524 | ng | | 83 |
| 53) 2,4-Dinitrophenol | 9.93 | 184 | 35696 | 37.037 | ng | # | 81 |
| 54) Dibenzofuran | 10.05 | 168 | 545118 | 38.762 | ng | | 98 |
| 55) 4-Nitrophenol | 9.98 | 139 | 66541 | 40.290 | ng | | 82 |
| 56) 2,4-Dinitrotoluene | 10.05 | 165 | 126614 | 39.193 | ng | # | 94 |
| 57) Fluorene | 10.39 | 166 | 458042 | 39.338 | ng | | 99 |
| 58) 2,3,4,6-Tetrachlorophenol | 10.17 | 232 | 94604 | 40.391 | ng | | 93 |
| 59) Diethylphthalate | 10.26 | 149 | 484095 | 38.848 | ng | | 98 |
| 60) 4-Chlorophenyl-phenylether | 10.37 | 204 | 215334 | 39.295 | ng | | 95 |
| 61) 4-Nitroaniline | 10.43 | 138 | 124654 | 41.336 | ng | | 85 |
| 62) Azobenzene | 10.54 | 77 | 408531 | 39.109 | ng | | 89 |
| 64) 4,6-Dinitro-2-methylphenol | 10.46 | 198 | 73816 | 39.679 | ng | | 83 |
| 65) n-Nitrosodiphenylamine | 10.50 | 169 | 430175 | 39.377 | ng | | 99 |
| 66) 4-Bromophenyl-phenylether | 10.87 | 248 | 122469 | 39.309 | ng | # | 86 |
| 67) Hexachlorobenzene | 10.94 | 284 | 122551 | 38.449 | ng | # | 92 |
| 68) Atrazine | 11.03 | 200 | 126948 | 38.685 | ng | | 98 |
| 69) Pentachlorophenol | 11.14 | 266 | 53749 | 39.464 | ng | | 96 |
| 70) Phenanthrene | 11.36 | 178 | 652308 | 39.057 | ng | | 98 |
| 71) Anthracene | 11.40 | 178 | 662976 | 39.107 | ng | | 99 |
| 72) Carbazole | 11.57 | 167 | 634626 | 39.808 | ng | | 99 |
| 73) Di-n-butylphthalate | 11.88 | 149 | 777062 | 38.215 | ng | | 99 |
| 74) Fluoranthene | 12.55 | 202 | 690631 | 39.791 | ng | | 99 |
| 76) Benzidine | 12.67 | 184 | 353762 | 34.166 | ng | | 98 |
| 77) Pyrene | 12.78 | 202 | 698059 | 38.796 | ng | | 99 |
| 79) Butylbenzylphthalate | 13.39 | 149 | 334235 | 37.723 | ng | | 87 |
| 80) Benzo(a)anthracene | 13.97 | 228 | 587632 | 39.174 | ng | | 99 |
| 81) 3,3'-Dichlorobenzidine | 13.93 | 252 | 217411 | 39.928 | ng | | 99 |
| 82) Chrysene | 14.01 | 228 | 546116 | 38.725 | ng | | 98 |
| 83) Bis(2-ethylhexyl)phthalate | 13.94 | 149 | 450253 | 36.186 | ng | | 98 |
| 84) Di-n-octyl phthalate | 14.55 | 149 | 787894 | 36.894 | ng | # | 94 |
| 85) Indeno(1,2,3-cd)pyrene | 16.93 | 276 | 483745 | 37.365 | ng | | 97 |
| 87) Benzo(b)fluoranthene | 15.02 | 252 | 521025 | 37.522 | ng | | 97 |
| 88) Benzo(k)fluoranthene | 15.05 | 252 | 541767 | 41.376 | ng | | 99 |
| 89) Benzo(a)pyrene | 15.39 | 252 | 494740 | 39.664 | ng | # | 97 |
| 90) Dibenzo(a,h)anthracene | 16.93 | 278 | 409926 | 36.986 | ng | | 97 |
| 91) Benzo(g,h,i)perylene | 17.37 | 276 | 396955 | 36.608 | ng | | 98 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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